Format No: CP/TF/01

TEST REPORT OF FINE AGGREGATE

Lab ID	:	CP-2019-09-06-16
		Date: 26-06-19
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Mahalakshmi Layout in Ward No.03.
Agency	:	Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/13/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	24-06-19
Sample Type	:	Fine Aggregate
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	24-06-19
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	28	28	2.8	97.2	90-100	90-100	90-100	95-100
3	2.36 mm	54	82	8.2	91.8	60-95	75-100	85-100	95-100
4	1.18 mm	236	318	31.8	68.2	30-70	55-90	75-100	90-100
5	600 micron	200	518	51.8	48.2	15-34	35-59	60-79	80-100
6	300 micron	201	719	71.9	28.1	5-20	8-30	12-40	15-50
7	150 micron	190	909	90.9	9.1	0-10	0-10	0-10	0-15
8	Pan	91	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-09-06-16 **Date: 08/07/2019**

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC Drains at Mahalakshmi Layout in Ward No.03.

Agency : Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.

Customer's Reference : EE(YNK.D)E-PMT-09/W.O/13/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 03-07-19

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 08/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M15	01/07/2019	08/07/2019	151.29 X 150.62 X 149.71	22787	8.158	284.3	12.5	12.6
2	PCC	M15	01/07/2019	08/07/2019	151.01 X 151.62 X 150.75	22896	8.202	291.9	12.7	
3	PCC	M15	01/07/2019	08/07/2019	150.60 X 151.63 X 150.05	22836	8.386	288.5	12.6	

Note:
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TEST REPORT OF PRECAST COVER SLAB

Lab ID : **CP-2019-09-06-16** **Date: 12-07-19**

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC Drains at Mahalakshmi Layout in Ward No.03.

Agency : Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.

Customer's Reference : EE(YNK.D)E-PMT-09/W.O/13/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-07-19

Sample Type /Size : Precast Cover Slab(100 mm)

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete

Date of test : 08/07/2019

SL No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.51	100.48	1.118	4477	80.8	18.0	16.8	21.0
2	Cover Slab-2	75.48	100.5	1.132	4474	82.7	18.5	17.2	21.5
3	Cover Slab-3	75.51	100.51	1.128	4477	83.1	18.6	17.3	21.6

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-09-06-16 **Date: 15/07/2019**

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC Drains at Mahalakshmi Layout in Ward No.03.

Agency : Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.

Customer's Reference : EE(YNK.D)E-PMT-09/W.O/13/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 10-07-19

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 15/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	08/07/2019	15/07/2019	151.55 X 151.77 X 150.96	23002	8.762	429.5	18.7	18.6
2	Drain Side Wall Concrete	M20	08/07/2019	15/07/2019	149.38 X 151.13 X 150.35	22576	8.486	428.5	19.0	
3	Drain Side Wall Concrete	M20	08/07/2019	15/07/2019	150.40 X 151.90 X 150.14	22846	8.281	417.2	18.3	

Note:

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-09-06-16** **Date: 05/08/2019**

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC Drains at Mahalakshmi Layout in Ward No.03.

Agency : Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.

Customer's Reference : EE(YNK.D)E-PMT-09/W.O/13/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 10-07-19

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl 5

Date of test : 05/08/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	08/07/2019	05/08/2019	150.06 X 151.35 X 151.74	22711	8.773	522.7	23.0	23.0
2	Drain Side Wall Concrete	M20	08/07/2019	05/08/2019	149.30 X 150.80 X 149.81	22514	8.088	514.8	22.9	
3	Drain Side Wall Concrete	M20	08/07/2019	05/08/2019	151.20 X 150.06 X 149.82	22689	8.849	527.5	23.2	

Note:

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TEST RESULTS OF STEEL

Lab ID	:	CP-2019-09-06-16 **Date: 29-06-19**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Mahalakshmi Layout in Ward No.03.
Agency	:	Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/13/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-06-19
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	28-06-19

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.391	512	652	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.616	528	672	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.888	544	668	20.0%	Satisfactory	Satisfactory

Note:

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-09-06-16 **Date: 09/07/2019**

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC Drains at Mahalakshmi Layout in Ward No.03.

Agency : Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.

Customer's Reference : EE(YNK.D)E-PMT-09/W.O/13/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 04-07-19

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	149.34 X 151.13 X 150.56	22569	8.762	428.7	19.0	18.6
2	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	151.63 X 150.85 X 150.21	22873	8.486	423.3	18.5	
3	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	151.33 X 151.31 X 150.37	22898	8.281	417.2	18.2	

Note:

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2019-09-06-16** **Date: 15/07/2019**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Mahalakshmi Layout in Ward No.03
Agency	:	Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/13/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	10-07-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	15/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	08/07/2019	15/07/2019	150.88 X 151.02 X 149.07	22786	8.762	418.0	18.3	18.2
2	Drain Side Wall Concrete	M20	08/07/2019	15/07/2019	149.08 X 150.40 X 151.46	22422	8.486	410.0	18.3	
3	Drain Side Wall Concrete	M20	08/07/2019	15/07/2019	149.67 X 149.69 X 150.68	22403	8.281	403.8	18.0	

Note:
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TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	**CP-2019-09-06-16** **Date: 27-06-19**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Mahalakshmi Layout in Ward No.03.
Agency	:	Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/13/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	24-06-19
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 (Part 1,2 3,4,5, 6,11):1988 IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4 IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5 IS 4031 Part 3, Determination of Soundness, Clause 5,Clause 6 IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5 IS 4031 Part 11,DETERMINATION OF DENSITY , Clause 6
Date of test	:	25-06-19
Environmental Conditions during test	:	Temperature 26°C Humidity 72%

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	1.64	–
2	Finess by Air permeablity method (m^2/kg,Min)	298.6	225m^2/kg, Min
3	Density (gm/cc)	3.11	–
4	Standard Consistency (%)	29.5%	Not specified
5	Initial Setting time	145 minutes	Not less than 30 minutes
6	Final Setting time	255 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

Note:

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All information furnished by Customer/Representative

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TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2019-09-06-16** **Date: 27-06-19**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Mahalakshmi Layout in Ward
Agency	:	Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/13/2019-20
Source of Sample	:	Sample supplied by Agency
Sample condition	:	Satisfactory
Date of Receipt	:	24-06-19
Sample Type	:	40mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	24-06-19

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	589	589	3.9	96.1	90-100
3	20 mm	4898	5487	36.6	63.4	30-70
4	10 mm	7143	12630	84.2	15.8	10-35
5	4.75 mm	2118	14748	98.3	1.7	0-5
6	Pan	252	15000	100.0	0	---

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TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2019-09-06-16** **Date: 26-06-19**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Mahalakshmi Layout in Ward No.03.
Agency	:	Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.
Customer Reference	:	EE(YNK.D)E-PMT-09/W.O/13/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	24-06-19
Sample Type/ Size	:	20mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	24-06-19

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	198	198	4.0	96.0	90-100
3	10 mm	3150	3348	67.0	33.0	25-55
4	4.75 mm	1457	4805	96.1	3.9	0-10
	Pan	195	5000	100	0	-

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-09-06-16

Date: 09/07/2019

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC Drains at Mahalakshmi Layout in Ward No.03.

Agency : Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.

Customer's Reference : EE(YNK.D)E-PMT-09/W.O/13/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 04-07-19

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl 5

Date of test : 09/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	150.27 X 151.56 X 151.35	22774	8.762	427.9	18.8	18.7
2	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	150.12 X 151.80 X 151.83	22789	8.486	433.0	19.0	
3	Drain Bottom Slab Concrete	M20	02/07/2019	09/07/2019	150.90 X 150.52 X 149.21	22714	8.281	417.2	18.4	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2019-09-06-16
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Drains at Mahalakshmi Layout in Ward No.03.
Agency	:	Sri.Bhumireddy Damodar Reddy, No.48, Kaveri Nagar, KHB Main Road, KHB Main, Bangalore.
Customer's Reference	:	EE(YNK.D)E-PMT-09/W.O/13/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	04-07-19
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	30/07/2019

Date: 30/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	02/07/2019	30/07/2019	151.44 X 149.24 X 151.48	22600	8.773	537.9	23.8	23.0
2	Drain Bottom Slab Concrete	M20	02/07/2019	30/07/2019	150.01 X 149.28 X 151.09	22394	8.088	494.2	22.1	
3	Drain Bottom Slab Concrete	M20	02/07/2019	30/07/2019	149.01 X 150.80 X 150.97	22471	8.849	520.7	23.2	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
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Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
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Quality Manager

****End of Report****

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